

FIG.1

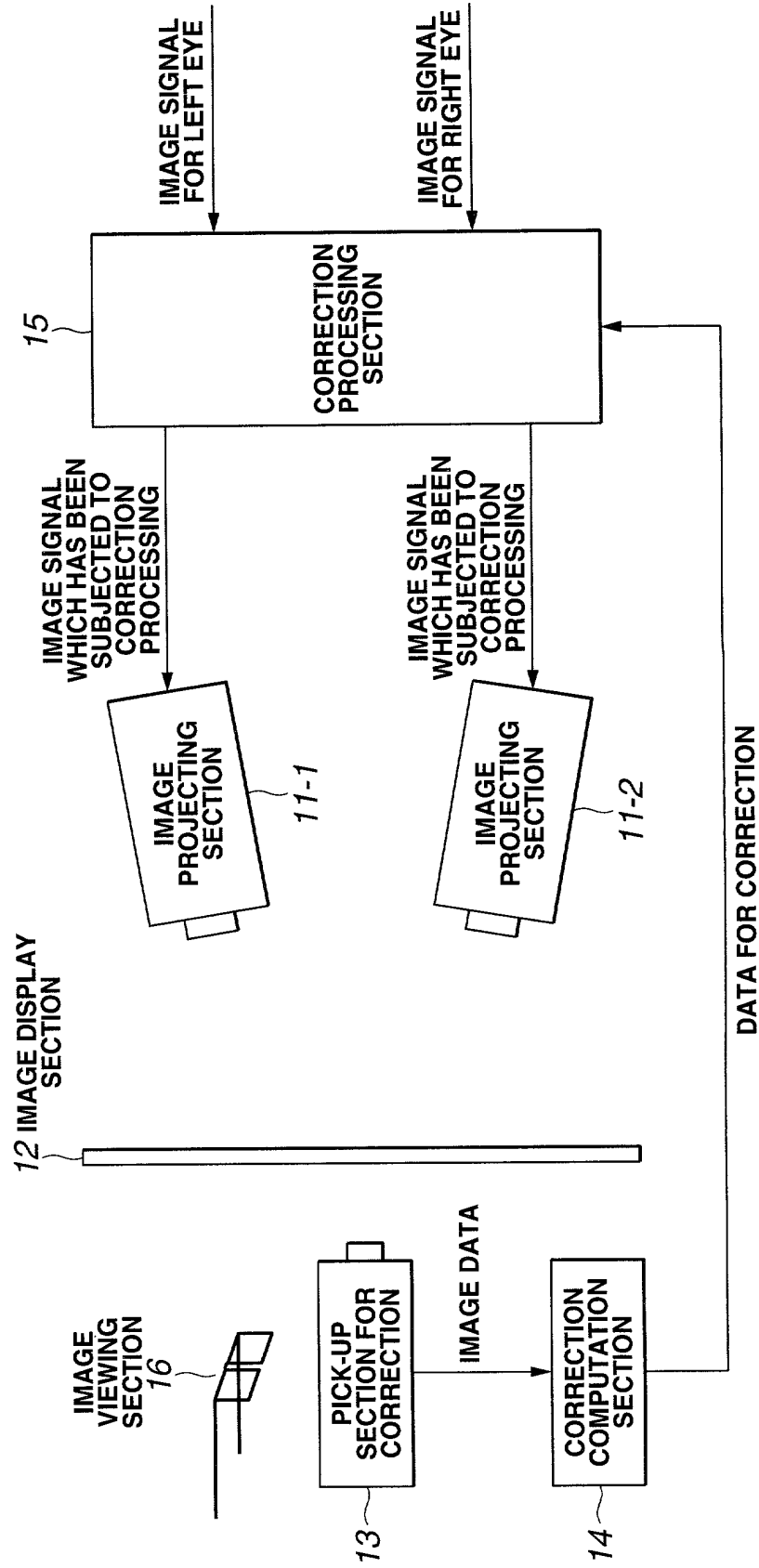


FIG.2

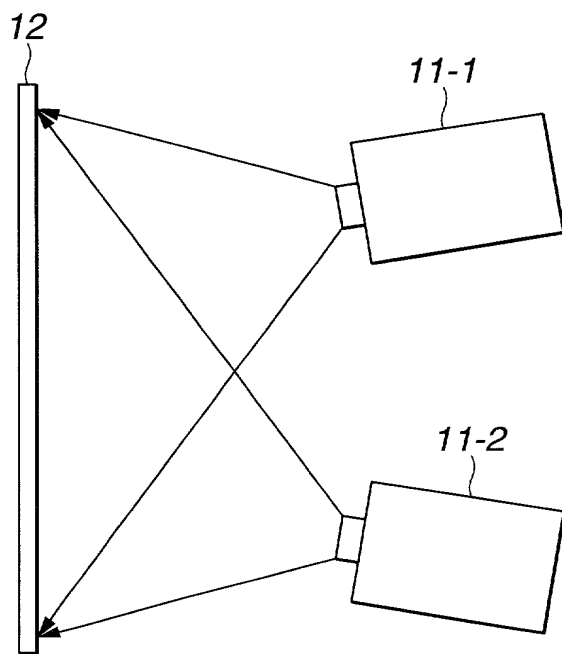


FIG.4

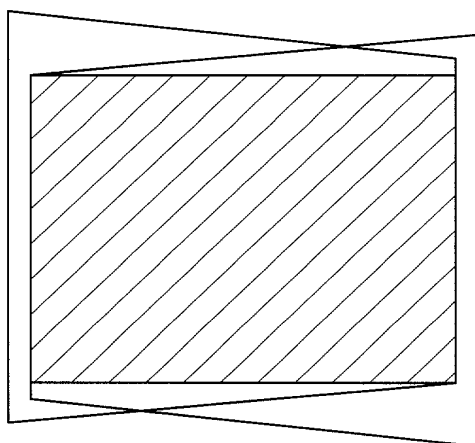
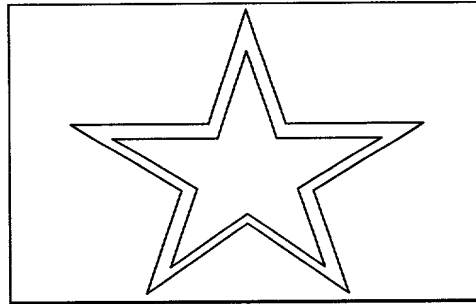
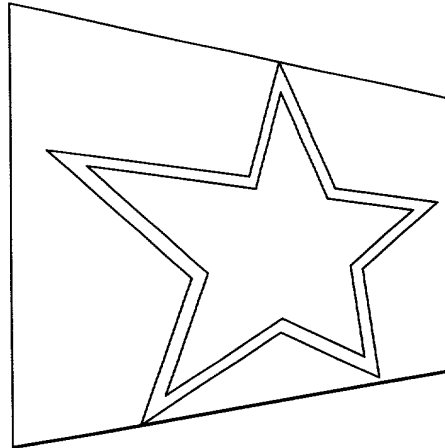


FIG.3A



**CASE IN WHICH IMAGES ARE
PROJECTED ORTHOGONALLY
WITH RESPECT TO SCREEN**

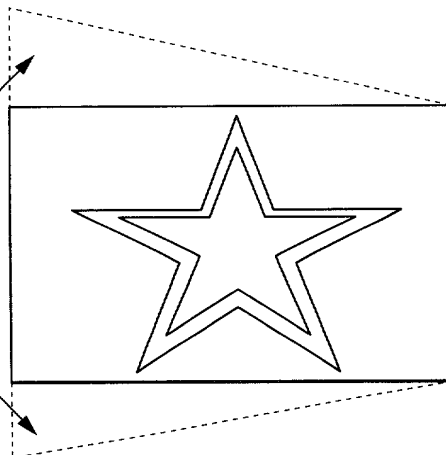
FIG.3B



**CASE IN WHICH IMAGES ARE
PROJECTED AT AN INCLINE
WITH RESPECT TO SCREEN**

FIG.3C

**NO IMAGE
DISPLAYED
AT THESE
PORTIONS**



**STATE IN WHICH DISTORTION
HAS BEEN CORRECTED**

FIG.5

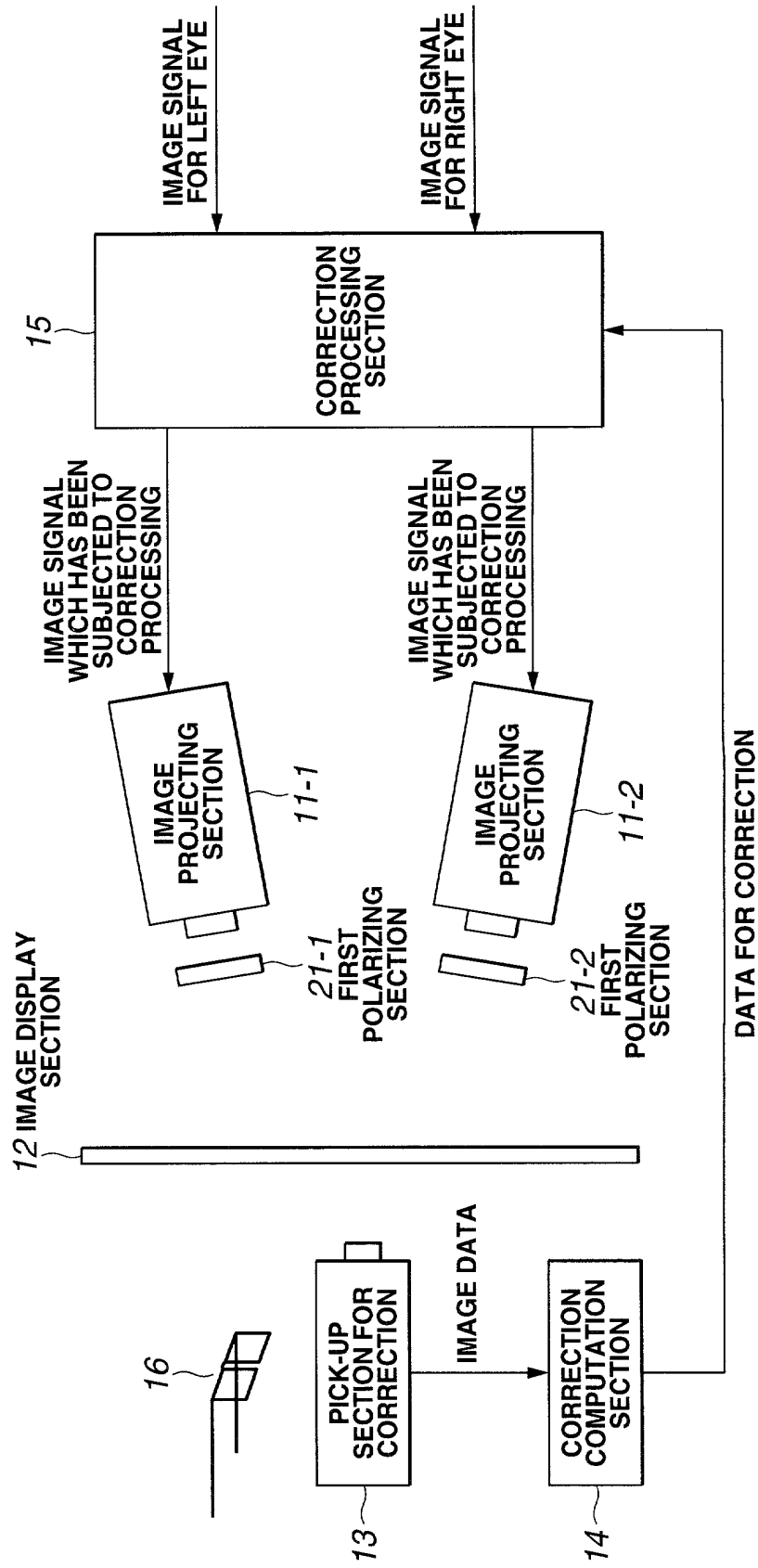


FIG.6

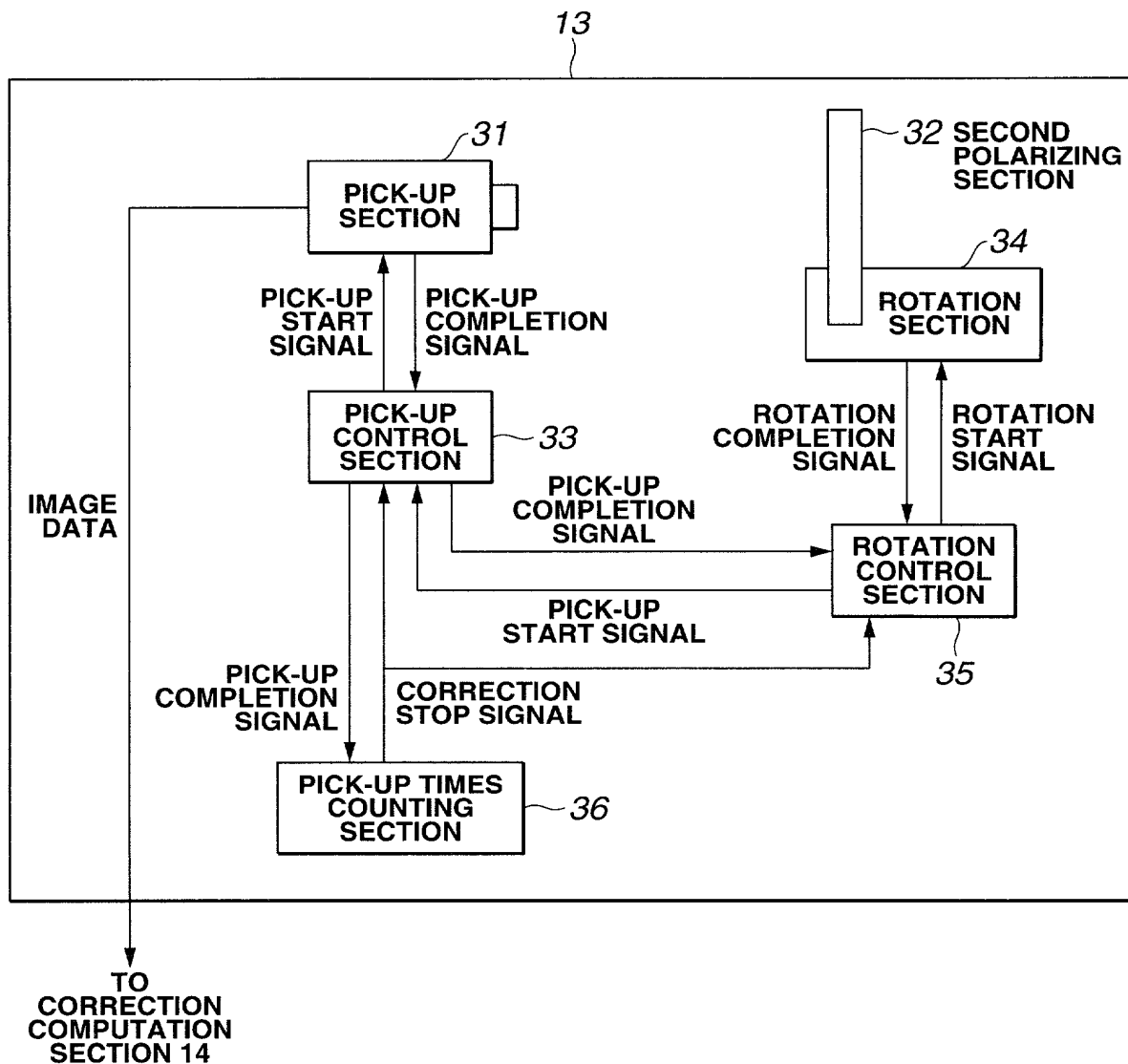
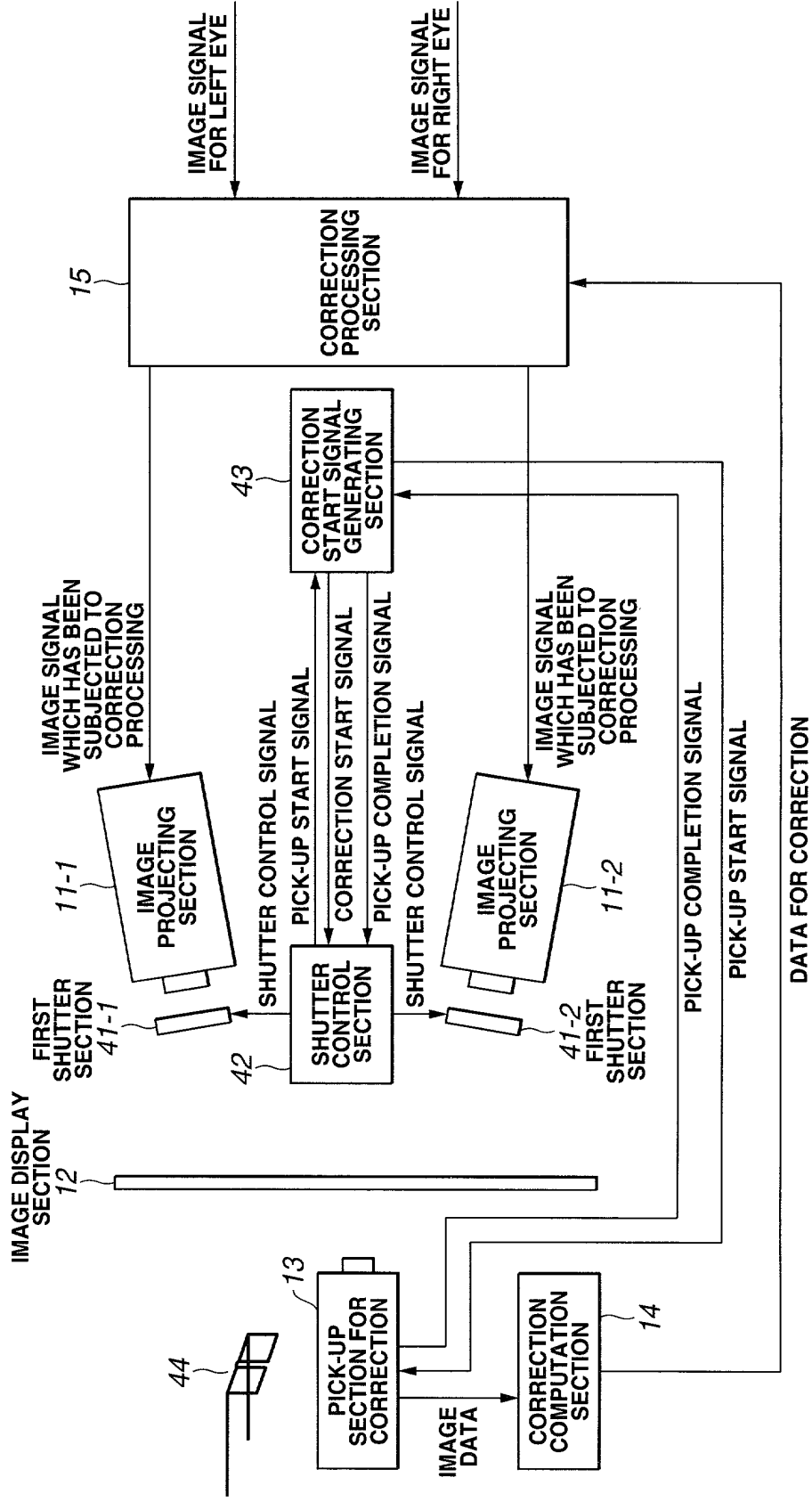


FIG.7



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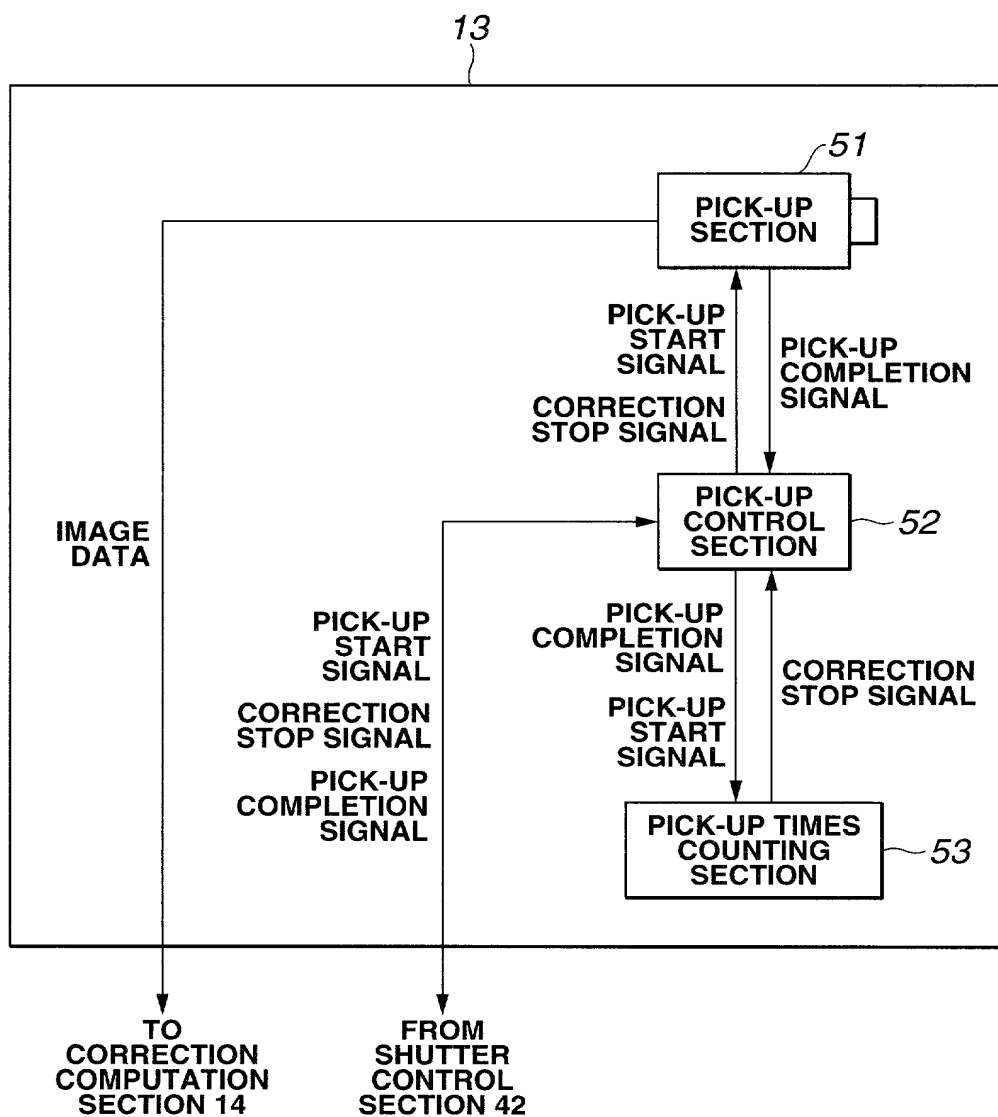


FIG.9

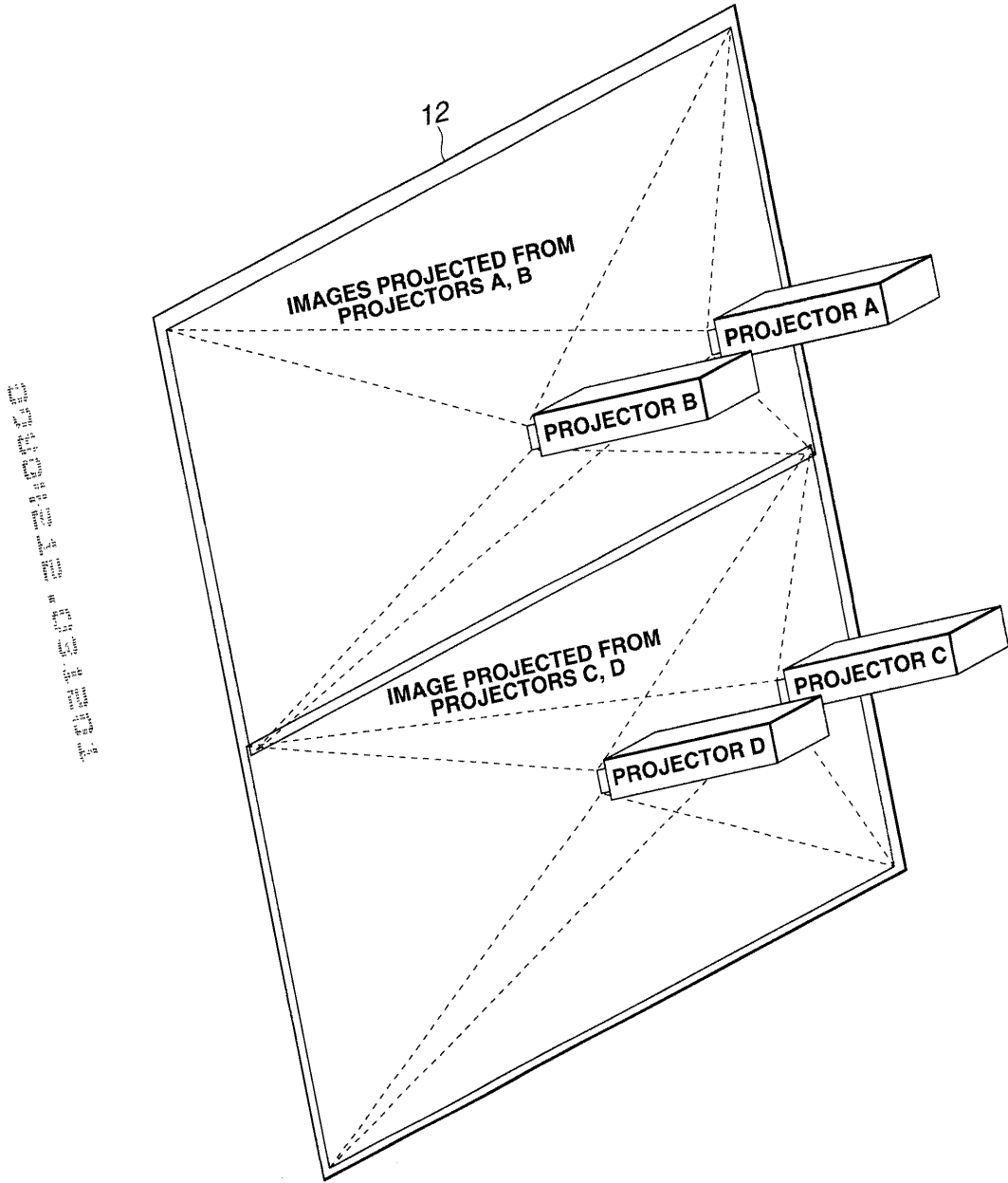
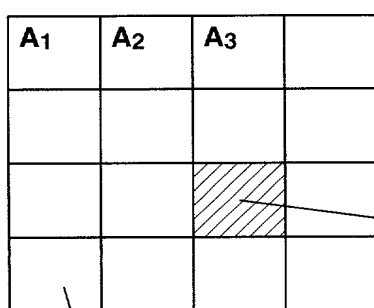


FIG.10



$(m \times n)$ PIXELS

TOTAL SUM OF PIXEL VALUES OF BLOCK:
 A_n (n IS A POSITIVE INTEGER)
 TOTAL SUM OF R PIXEL VALUES IN BLOCK : R
 TOTAL SUM OF G PIXEL VALUES IN BLOCK : G
 TOTAL SUM OF B PIXEL VALUES IN BLOCK : B

ASSUME THAT THE TOTAL SUM
 (MINIMUM VALUE) OF PIXEL VALUES
 OF THIS BLOCK IS X

DETERMINE, AT CORRECTION COMPUTATION SECTION, DIFFERENCE
 $(A_n - X)$ BETWEEN TOTAL SUM A_n OF PIXEL VALUES OF BLOCK AND
 MINIMUM VALUE X



SEND THIS VALUE $(A_n - X)$ TO CORRECTION PROCESSING SECTION



DETERMINE AVERAGE VALUE $(A_n - X)/mn$ FOR EACH PIXEL IN BLOCK,
 AND DETERMINE AVERAGE VALUE $(A_n - X)/3mn$ FOR R, G, B OF EACH
 PIXEL IN BLOCK



SUBTRACT THIS VALUE $(A_n - X)/3mn$ FROM R, G, B PIXEL VALUES OF
 EACH PIXEL IN BLOCK

FIG.11

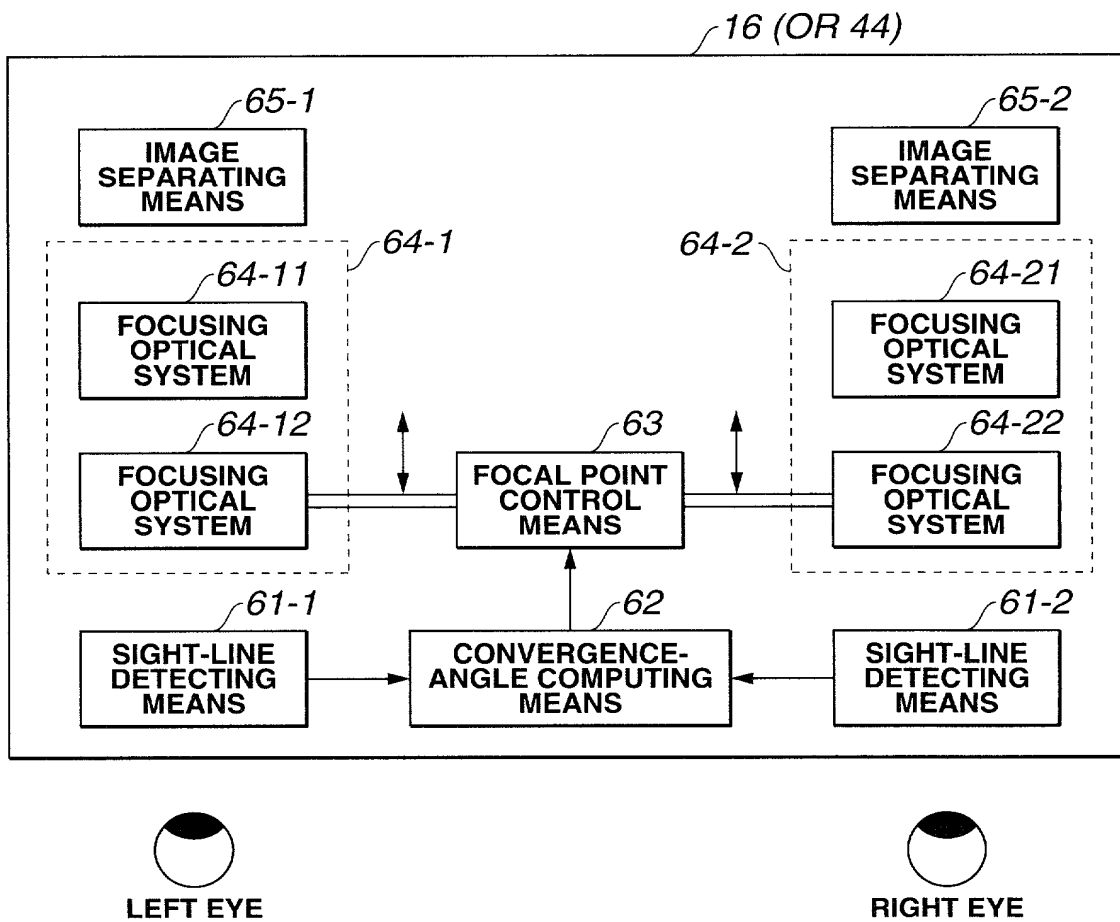


FIG.12

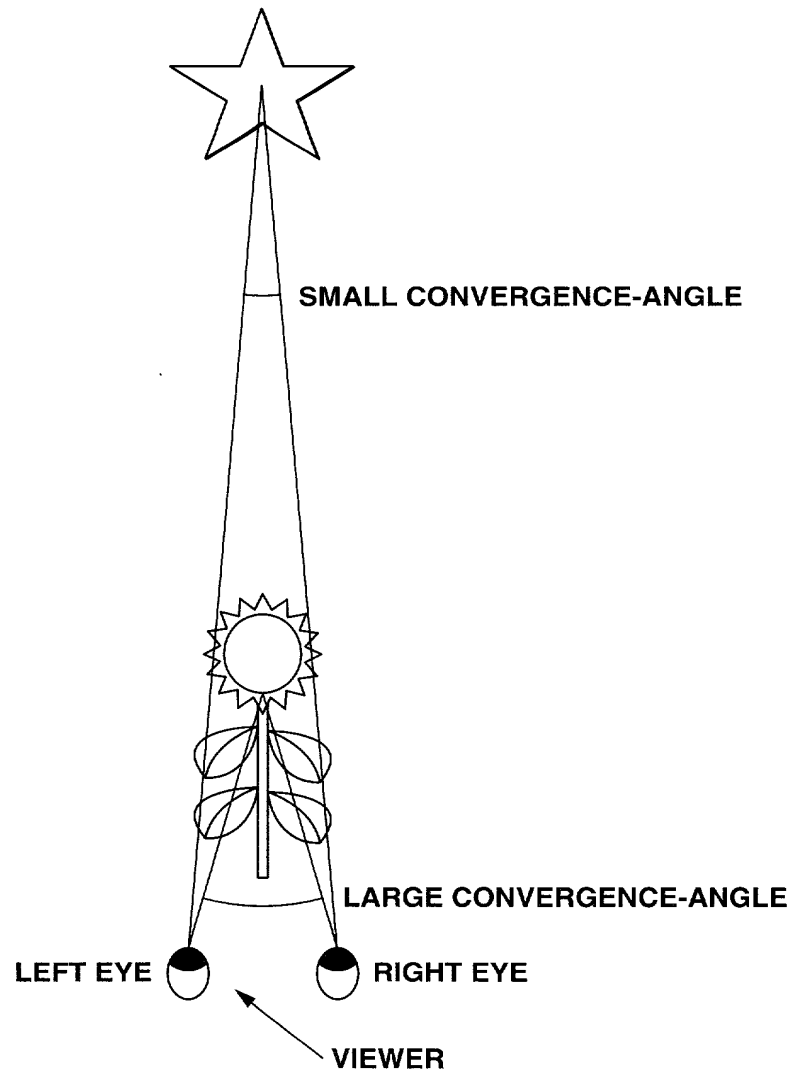


FIG.13

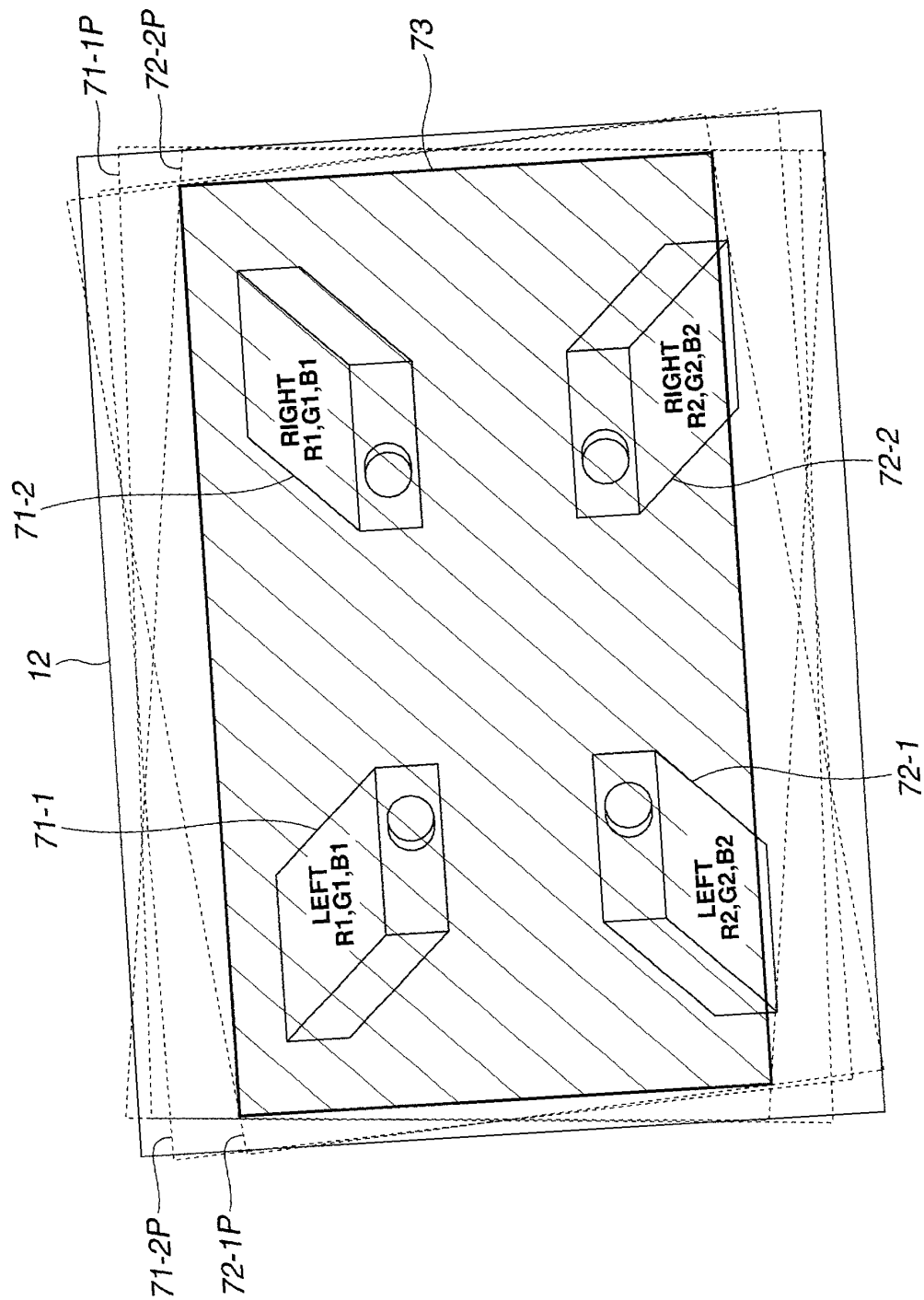


FIG.14A

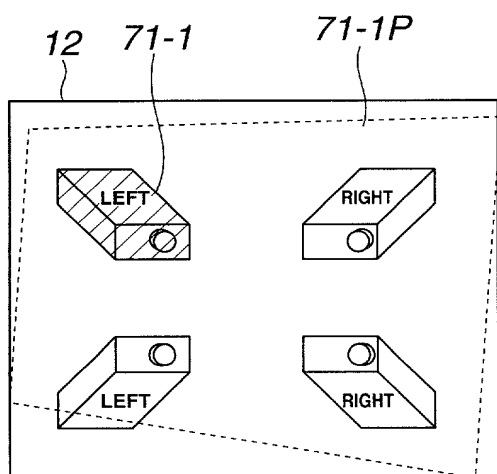


FIG.14C

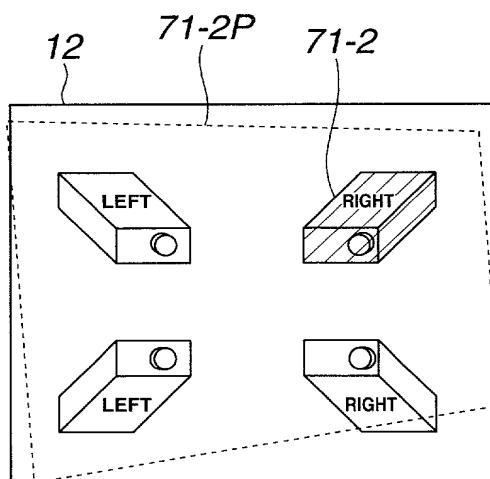


FIG.14B

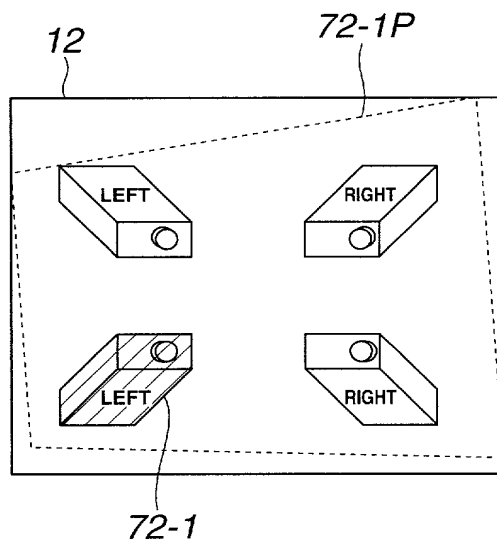


FIG.14D

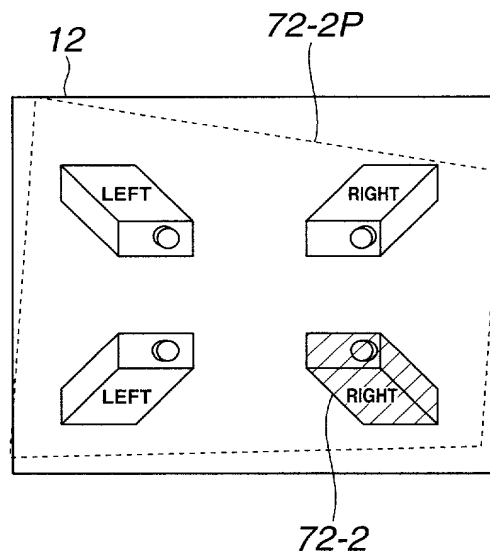


FIG.15

R1,G1,B1:THREE PRIMARY COLORS FROM PROJECTORS 71-1,71-2
 R2,G2,B2:THREE PRIMARY COLORS FROM PROJECTORS 72-1,72-2
 R0,G0,B0:THREE PRIMARY COLORS OF RGB BEFORE FILTERS ARE ATTACHED

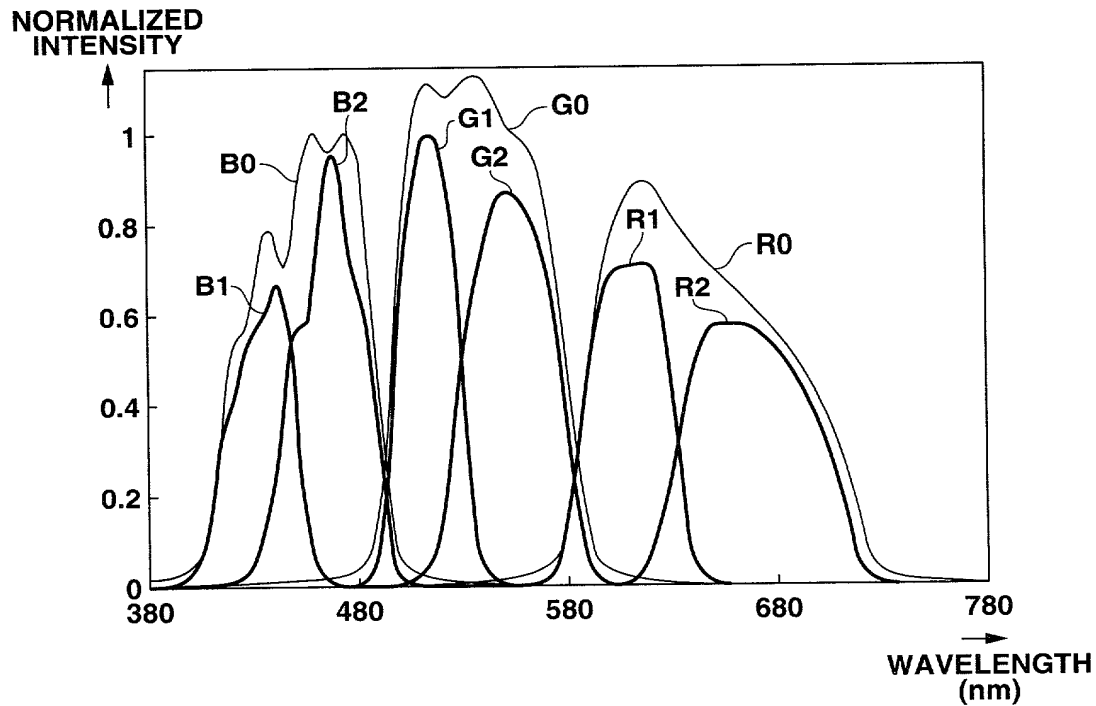


FIG.16

COMPARISON OF COLOR REPRODUCTION RANGES
 (CIE-UCS CHROMATICITY DIAGRAM)

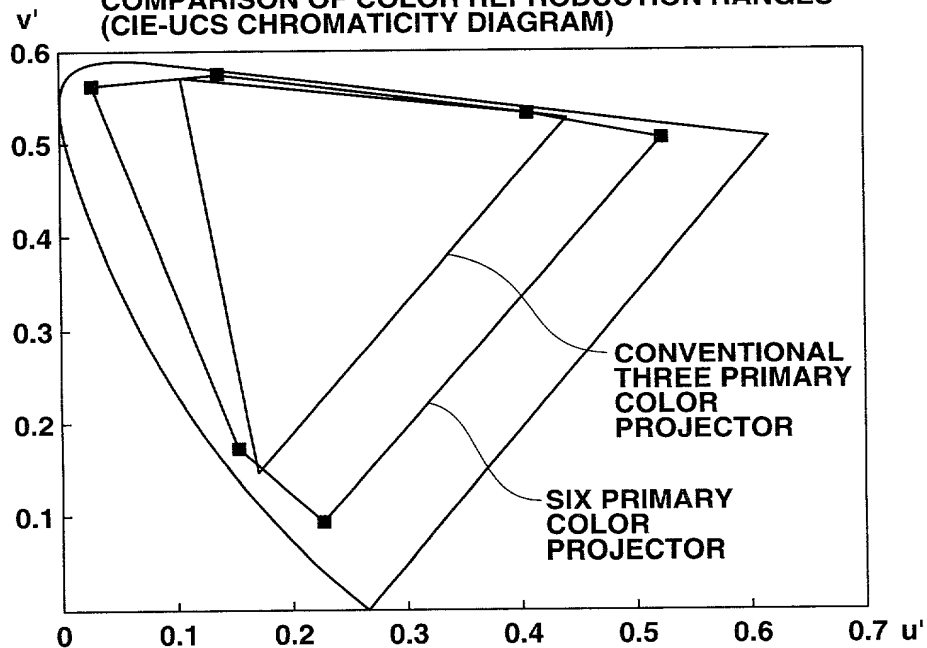


FIG.17A

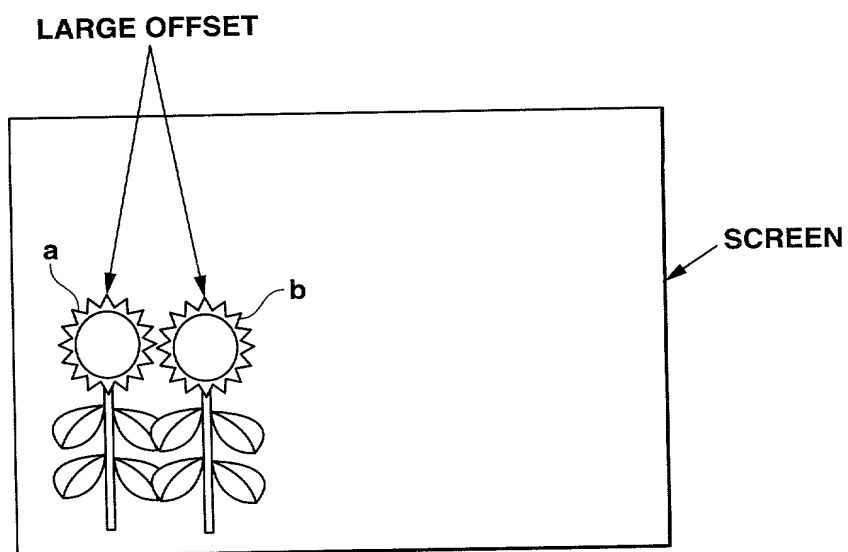


FIG.17B

